1)

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  console.log("Database created!");
  db.close();
});
```

```
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass1.js
Database created!
```
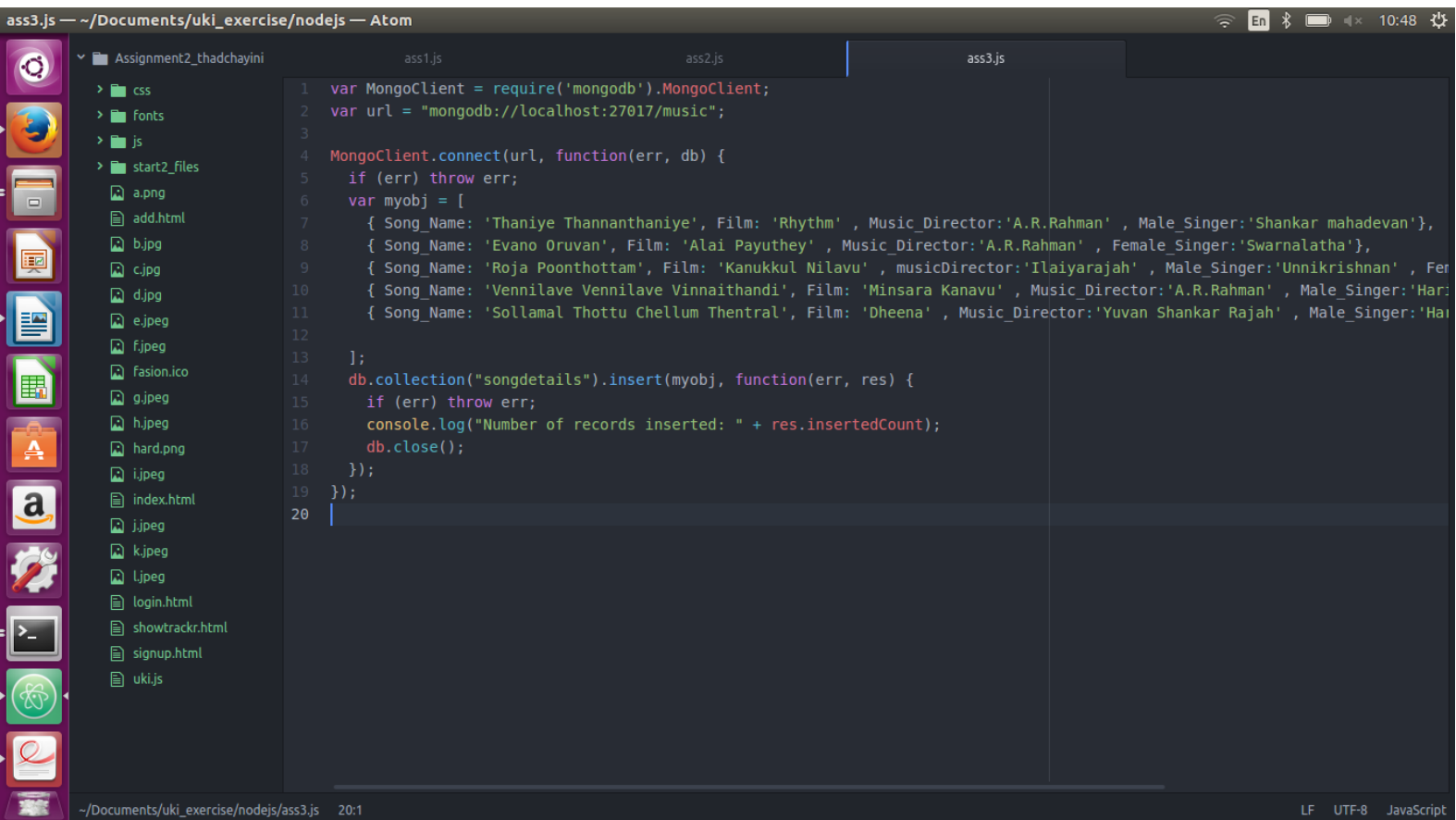
2)

```
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  db.createCollection("songdetails", function(err, res) {
    if (err) throw err;
    console.log("Table created!");
    db.close();
  });
});
```

```
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass2.js
Table created!
```

3)

```javascript
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var myobj = [
    { Song_Name: 'Thaniye Thannanthaniye', Film: 'Rhythm' , Music_Director:'A.R.Rahman' , Male_Singer:'Shankar mahadevan'},
    { Song_Name: 'Evano Oruvan', Film: 'Alai Payuthey' , Music_Director:'A.R.Rahman' , Female_Singer:'Swarnalatha'},
    { Song_Name: 'Roja Poonthottam', Film: 'Kanukkul Nilavu' , musicDirector:'Ilaiyarajah' , Male_Singer:'Unnikrishnan' , Fem
    { Song_Name: 'Vennilave Vennilave Vinnaithandi', Film: 'Minsara Kanavu' , Music_Director:'A.R.Rahman' , Male_Singer:'Har:
    { Song_Name: 'Sollamal Thottu Chellum Thentral', Film: 'Dheena' , Music_Director:'Yuvan Shankar Rajah' , Male_Singer:'Ha:

  ];
  db.collection("songdetails").insert(myobj, function(err, res) {
    if (err) throw err;
    console.log("Number of records inserted: " + res.insertedCount);
    db.close();
  });
});
```

```
~/Documents/uki_exercise/nodejs/ass3.js   20:1                                LF   UTF-8   JavaScript
```

```
at startup (bootstrap_node.js:150.9)
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass3.js
Number of records inserted: 5
```

4)

```javascript
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  db.collection("songdetails").find({}).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

```
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass4.js
[ { _id: 5934e956ead67b194e650e10,
    Song_Name: 'Thaniye Thannanthaniye',
    Film: 'Rhythm',
    Music_Director: 'A.R.Rahman',
    Male_Singer: 'Shankar mahadevan' },
  { _id: 5934e956ead67b194e650e11,
    Song_Name: 'Evano Oruvan',
    Film: 'Alai Payuthey',
    Music_Director: 'A.R.Rahman',
    Female_Singer: 'Swarnalatha' },
  { _id: 5934e956ead67b194e650e12,
    Song_Name: 'Roja Poonthottam',
    Film: 'Kanukkul Nilavu',
    musicDirector: 'Ilaiyarajah',
    Male_Singer: 'Unnikrishnan',
    Female_Singer: 'Anuradha Sriram' },
  { _id: 5934e956ead67b194e650e13,
    Song_Name: 'Vennilave Vennilave Vinnaithandi',
    Film: 'Minsara Kanavu',
    Music_Director: 'A.R.Rahman',
    Male_Singer: 'Hariharan',
    Female_Singer: 'Sadhana Sargam' },
  { _id: 5934e956ead67b194e650e14,
    Song_Name: 'Sollamal Thottu Chellum Thentral',
    Film: 'Dheena',
    Music_Director: 'Yuvan Shankar Rajah',
    Male_Singer: 'Hariharan' } ]
```

5)

```
var http = require('http');
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var query = { Music_Director:'A.R.Rahman' };
  db.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

```
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass5.js
[ { _id: 5934e956ead67b194e650e10,
    Song_Name: 'Thaniye Thannanthaniye',
    Film: 'Rhythm',
    Music_Director: 'A.R.Rahman',
    Male_Singer: 'Shankar mahadevan' },
  { _id: 5934e956ead67b194e650e11,
    Song_Name: 'Evano Oruvan',
    Film: 'Alai Payuthey',
    Music_Director: 'A.R.Rahman',
    Female_Singer: 'Swarnalatha' },
  { _id: 5934e956ead67b194e650e13,
    Song_Name: 'Vennilave Vennilave Vinnaithandi',
    Film: 'Minsara Kanavu',
    Music_Director: 'A.R.Rahman',
    Male_Singer: 'Hariharan',
    Female_Singer: 'Sadhana Sargam' } ]
```

6)

```
var http = require('http');
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var query = { Music_Director:'A.R.Rahman' , Male_Singer:'Unnikrishnan'};
  db.collection("songdetails").find(query).toArray(function(err, result) {
    if (err) throw err;
    console.log(result);
    db.close();
  });
});
```

```
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass6.js
[]
```
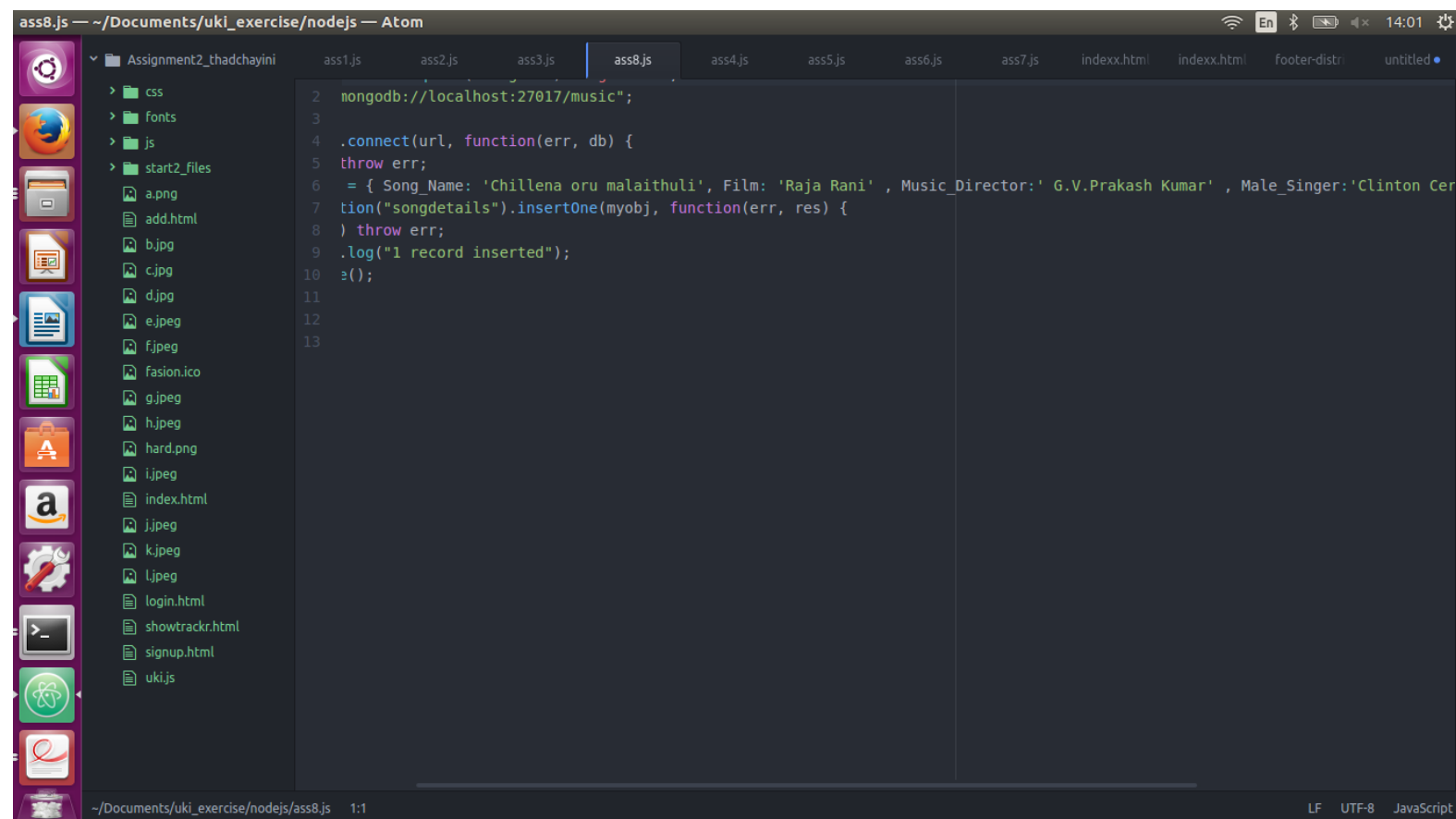
7)

```
var http = require('http');
var MongoClient = require('mongodb').MongoClient;
var url = "mongodb://localhost:27017/music";

MongoClient.connect(url, function(err, db) {
  if (err) throw err;
  var myquery = ({ Song_Name: 'Vennilave Vennilave Vinnaithandi' });
  db.collection("songdetails").remove(myquery, function(err, obj) {
    if (err) throw err;
    console.log(obj.result.n + " document(s) deleted");
    db.close();
  });
});
```

```
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass7.js
1 document(s) deleted
```

8)


```
ukistu02@ukipc02:~/Documents/uki_exercise/nodejs$ node ass8.js
1 record inserted
```